



# Health Physics Breakout

Baltimore July 9, 2008

- Agency Environmental Health Update – Guy Camomilli
- Risk Communication – Ray Johnson
- Open Session

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Office of the Chief Health and Medical Officer



# Agency Update

Baltimore July 8, 2008

Guy Camomilli, MPH, CSP, CHMM

Office of the Chief Health and  
Medical Officer





# Overview

- Triennial HP Conference
- Agency OH Review Schedule
- Current Issues
- Policy Update
- Support/Advocating/Initiatives
- Training





# Triennial Health Physics Conference



- Outstanding CHP Prep Class
- Medical X-Ray Compliance
- Excellent Center Presentations
- Technical Tour of KSC
- Incredible Networking Opportunities
- CHP, CIH, and CSP  
(23 CEU Hours)





# Triennial Health Physics Conference



- <http://ohp.nasa.gov/HP08>
- Special Thanks to the Presenters:
  - Randy Scott, Rod Nickell, and Ed Provost – KSC
  - Eric Packard – ARC
  - Phil Brown – MSFC
  - Alan Rovira – MAF
  - Chris Blasio and Rod Case – GRC
  - Kim Merritt – LaRC
  - Ted Simmons and Dan Simpson – GSFC
  - Marv Bunting – WFF





# The Dreaded OCHMO Reviews

- 2008 Schedule

- ☒ KSC January
- ☒ SSC March
- ☒ MAF April
- ☒ GRC June
- ☐ DFRC August
- ☐ ARC August
- ☐ LaRC September
- ☐ WSTF October



## 2009 Schedule

- ☐ JPL January
- ☐ JSC February
- ☐ GSFC April
- ☐ WFF April
- ☐ MSFC August
- ☐ HQ October



# Current EH Issues and Initiatives

- Annual OSHA Report – NSC
- Annual Self Reviews
- NPR 1800.1 Revisions
- EHRS EH Module on the Horizon







# EH Policy ~ NPR 1800.1 Chapter 4

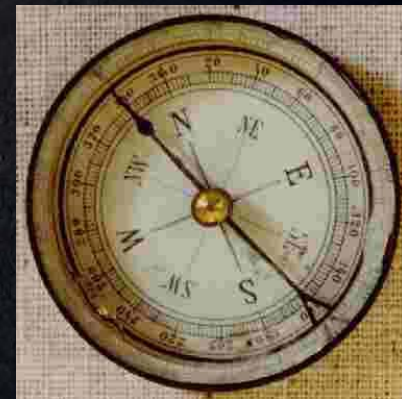
- EH Sections Being Revised – NPR 1800 Chapter 4
  - Regulatory Compliance (4.1 – rolled into an EH General section)
  - Radiological Health (4.6~ now more detail split into 5 sections)





# EH Policy ~ NPR 1800.1 Chapter 4

- New EH Chapters Being Added – Chapter 4
  - Radiation ~ General
  - Radioactive Materials
  - Radiation Generating Equipment (Ionizing)
  - Laser and Non Laser Optical Radiation
  - Radiofrequency Electromagnetic Radiation

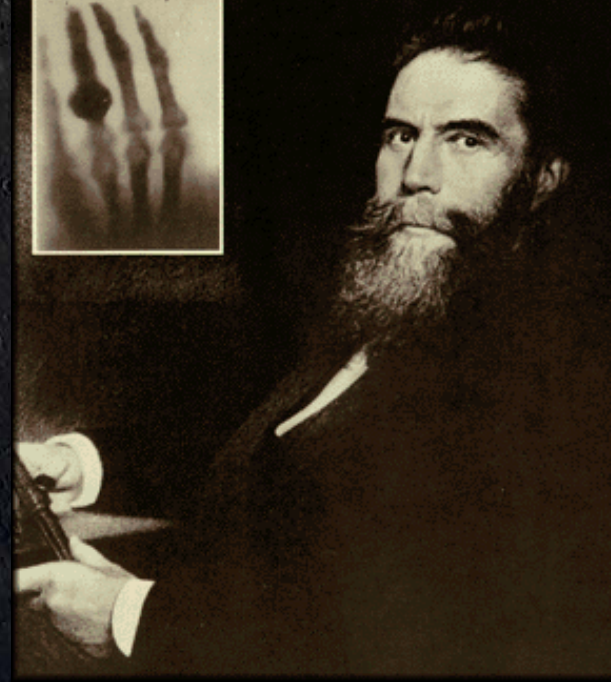
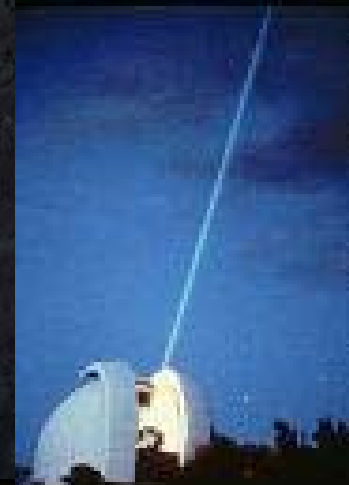




# HP ViTS

## Routine Communication Tools for Agency Initiatives

- Quarterly HP ViTS – recent topics
  - May ~ NRC Update on the Increased Controls Regulation
  - Feb ~ Agency Updates and Initiatives
  - Dec ~ Medical Surveillance Policy Discussion for Authorized Laser Operators
  - Sept ~ ABHP Certification Program
  - May ~ Outdoor Lasers Projects







# NASA Occupational Health Website EH Page;

## Program Contacts, Center Resources, ViTS Archive, EH links, etc.

**NASA Occupational Health**  
 A Healthier NASA

+ Archive  
 + Awards  
 + Contact OH  
 + Text Only Page

+ Feb 2008						
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+ OH Home  
 + Environmental Health

### Environmental Health

#### EH Home

**OH Disciplines**  
 + Employee Assistance  
 - Environmental Health  
 + Occupational Medicine  
 + Physical Fitness  
 + Workers' Comp.

**Professional Resources**  
 + Center Resources  
 + EHRS  
 + Health Promotion  
 + Policies  
 + References  
 + Topics  
 + Training

**NASA Employees**  
 + Health Resources  
 + Traveler's Health

+ 2008 Calendar

#### UPCOMING EVENTS

**Environmental Health ViTS**  
 Wednesday March 12, 2008 at 11:00am ET.

**Health Physics ViTS**  
 Wednesday May 07, 2008 at 11:00am ET.

#### CURRENT NEWS

**Real-Time Space Radiation Forecasting**  

 A new method for predicting the approach and intensity of hazardous particles from extreme solar events that would threaten astronauts and technology in space is now in place. Researchers are using this initial forecasting phase to qualify the method for operational use in space exploration activities.  
[+ Read more](#)

**Radio Frequency Safety Course Being Offered at Marshall**  

 Agency-sponsored Radio Frequency Safety training offered April 14-15, 2008 at Marshall Space Flight Center. No cost, but seating is limited.  
[+ Read more and register](#)

**January EH ViTS Focuses on Project Constellation Impact**  

 As NASA transforms its facilities and operations to support the constellation program the Center Environmental Health programs are challenged with new potential hazards to characterize and to control harmful exposures. During the Session 8 NASA Centers shared about Constellation.  
[+ To see the presentations from this ViTS go here](#)

**American Industrial Hygiene Conference 2008 Registration is Now Open**  

 The American Industrial Hygiene Conference and Expo is the "must attend" event for thousands of industrial hygiene and occupational and environmental health and safety professionals. Come and see why professionals have to come to rely on AIHC as their source for professional development and networking for more than 65 years. Engaging general sessions, innovative

#### RESOURCES

**Center Resources**  
 Environmental Health Center Policies  
[+ Visit page](#)

**CIH Continuing Ed**  
 OH sponsored continuing education information for Industrial Hygienists.  
[+ Read more](#)

**EH Online Resources**  
 EH related documents on the internet.  
[+ See list](#)

**EH Program Contacts**  
 Center program contacts listed by interest area, center or person.  
[+ See list](#)

**Radiation Event Medical Management (REMM)**  
 National Library of Medicine e-Tools and Guidance.  
[+ Visit website](#)

**ViTS Archive**  
 EH video conferences notes and presentations.  
[+ Read more](#)

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### NASA Occupational Health

#### EH Contacts

**CONTACTS**  
 Order by [Center Person Category](#)    [Expand/ Collapse all](#)

**Notes:** The primary purpose of this list is to facilitate communication within the NASA EH community on current issues, concerns, events, etc. that you would wish to pass along to others. These contact lists are **totally voluntary** and are **not in anyway intended to replace the formal assigned responsibilities** at a NASA Center or Facility such as an EH CQTR or RSO.

- Asbestos
- Biological
- Communication & Training
- Computer Applications
- Confined Spaces
- Construction Issues/IH
- Emergency Response Planning
- Ergonomics
- Food Sanitation

**OH Disciplines**  
 + Employee Assistance  
 - Environmental Health  
 + Occupational Medicine  
 + Physical Fitness  
 + Workers' Comp.

**Professional Resources**  
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 + EHRS  
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### EH Resources

#### EH Resources

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+ 2008 Calendar

#### AND RESOURCES

An up-to-date list of links to online Environmental Health resources.

[Expand/ Collapse all](#)

#### Regulations and Standards

- Federal Register Search
- Federal Register - Environmental Protection Agency (EPA) Subpart
- Code of Federal Regulations Search
- OSHA Laws and Regulations
- EPA Laws & Regulations
- Department of Energy Directives
- Nuclear Regulatory Commission Reference Library
- NASA Technical Standards Program (free of charge)

#### Professional EH Organizations/Associations

- Primary (IH, HP, and Sanitation)
  - American Conference of Governmental Industrial Hygienists (ACGIH)
  - American Industrial Hygiene Association (AIHA)
  - Health Physics Society (HPS)
  - National Environmental Health, Safety & Health Association (NEHSHTA)
- Other Related Disciplines
  - Air & Vibration Management Association (ASVMA)
  - American Board of Toxicology (ABTA)
  - American College of Occupational and Environmental Medicine (ACOEM)
  - American Nuclear Society (ANS)
  - American National Standards Institute (ANSI)
  - American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE)
  - American Society of Safety Engineers (ASSE)
  - Australian Institute of Occupational Hygienists (AIOH)
  - British Occupational Hygiene Association (BOHA)
  - Canadian Centre for Occupational Health and Safety (CCOHS)
  - Chemical Manufacturers Association (CMA)
  - Human Factors and Ergonomics Society (HFES)
  - International Commission on Radiological Protection (ICRP)
  - International Occupational Hygiene Association (IOHA)
  - Laser Institute of America (LIA)
  - National Hearing Conservation Association (NHCA)
  - National Council on Radiation Protection and Measurements (NCRP)
  - National Fire Protection Association (NFPA)



# Promoting Professional Involvement

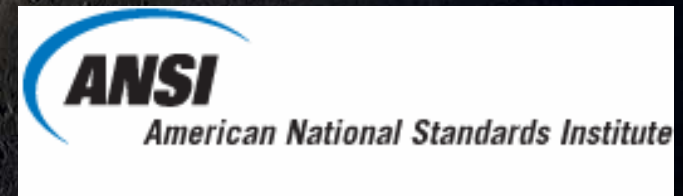
- Promote involvement in technical committees
- Recognize people who author articles in H&S journals
- Promote giving presentations at conferences
- Recognize staff for professional involvement





# Current Involvement

- Committee Involvement Examples
- ANSI Z136 series (Lasers)
- SAE G-10T Committee (Outdoor Lasers)
- IEEE International Committee on Electromagnetic Safety (ICES) (RF)





# Upcoming Training

- *LSO Course – GSFC Aug 12 & 13, 2008 ~ Dan Simpson*
- *HP ViTS ~ August 6*



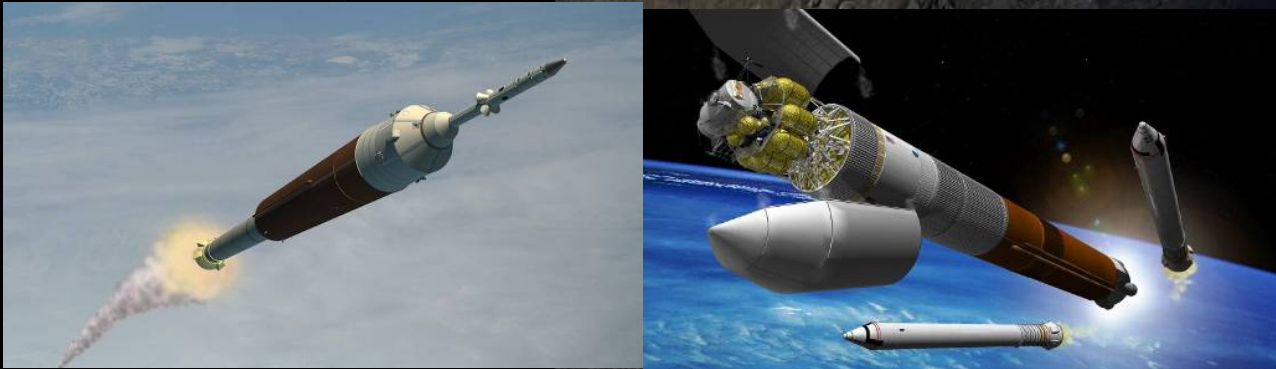




- Sustaining Momentum and Demonstrating Value
- New challenges across NASA
- Facilities Issues, *Aging Infrastructure*
- Interaction among Centers
- Professional growth
- Key Civil Servant Positions
- EHRS IH Module (Radiation)



# Questions



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